



### **Z86E6316PSC Information**

Part Number Z86E6316PSC

Manufacturer Zilog

Category

Integrated Circuits (ICs)

Embedded - Microcontrollers

**Description** IC MCU 8BIT 32KB OTP 40DIP

Package 40-DIP (0.620", 15.75mm)

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com

E-mail: salesdept@heisener.com



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## **Certified Quality**

For Reference Only

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









## **Z86E6316PSC Specifications**

Manufacturer Part Number         Z86E6316PSC           Manufacturer         Zilog           Category         Integrated Circuits (ICs)           Embedded - Microcontrollers           Package         40-DIP (0.620°, 15.75mm)           Series         Z8?           Core Processor         Z8           Core Size         8-Bit           Speed         16MHz           Connectivity         UART/USART           Peripherals         -           Number of I/O         32           Program Memory Size         32KB (32K x 8)           Program Memory Type         OTP           EEPROM Size         -           RAM Size         236 x 8           Voltage - Supply (Vcc/Vdd)         4.5 V ~ 5.5 V           Data Converters         -           Oscillator Type         Internal           Operating Temperature         0°C ~ 70°C (TA)           Mounting Type         -           Package / Case         40-DIP (0.620°, 15.75mm)           Supplier Device Package         Report errors?		
Category         Integrated Circuits (ICs)           Embedded - Microcontrollers           Package         40-DIP (0.620", 15.75mm)           Series         Z8?           Core Processor         Z8           Core Size         8-Bit           Speed         16MHz           Connectivity         UART/USART           Peripherals         -           Number of I/O         32           Program Memory Size         32KB (32K x 8)           Program Memory Type         OTP           EEPROM Size         -           RAM Size         236 x 8           Voltage - Supply (Vcc/Vdd)         4.5 V ~ 5.5 V           Data Converters         -           Oscillator Type         Internal           Operating Temperature         0°C ~ 70°C (TA)           Mounting Type         -           Package / Case         40-DIP (0.620", 15.75mm)           Supplier Device Package         -	Manufacturer Part Number	Z86E6316PSC
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Core Processor         Z8           Core Size         8-Bit           Speed         16MHz           Connectivity         UART/USART           Peripherals         -           Number of I/O         32           Program Memory Size         32KB (32K x 8)           Program Memory Type         OTP           EEPROM Size         -           RAM Size         236 x 8           Voltage - Supply (Vcc/Vdd)         4.5 V ~ 5.5 V           Data Converters         -           Oscillator Type         Internal           Operating Temperature         0°C ~ 70°C (TA)           Mounting Type         -           Package / Case         40-DIP (0.620", 15.75mm)           Supplier Device Package         -	Package	40-DIP (0.620", 15.75mm)
Core Size         8-Bit           Speed         16MHz           Connectivity         UART/USART           Peripherals         -           Number of I/O         32           Program Memory Size         32KB (32K x 8)           Program Memory Type         OTP           EEPROM Size         -           RAM Size         236 x 8           Voltage - Supply (Vcc/Vdd)         4.5 V ~ 5.5 V           Data Converters         -           Oscillator Type         Internal           Operating Temperature         0°C ~ 70°C (TA)           Mounting Type         -           Package / Case         40-DIP (0.620", 15.75mm)           Supplier Device Package         -	Series	Z8?
Speed16MHzConnectivityUART/USARTPeripherals-Number of I/O32Program Memory Size32KB (32K x 8)Program Memory TypeOTPEEPROM Size-RAM Size236 x 8Voltage - Supply (Vcc/Vdd)4.5 V ~ 5.5 VData Converters-Oscillator TypeInternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case40-DIP (0.620", 15.75mm)Supplier Device Package-	Core Processor	Z8
Connectivity Peripherals - Number of I/O 32 Program Memory Size 32KB (32K x 8) Program Memory Type OTP  EEPROM Size - RAM Size 236 x 8 Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V  Data Converters - Oscillator Type Internal Operating Temperature Operating Temperature Mounting Type Package / Case 40-DIP (0.620", 15.75mm) Supplier Device Package -  Value  - VART/USART UART/USART -  UART/USART -  UART/USART -  UART/USART -  UART/USART -  AURT/USART -  A	Core Size	8-Bit
Peripherals  Number of I/O  32  Program Memory Size  32KB (32K x 8)  Program Memory Type  OTP  EEPROM Size  - RAM Size  236 x 8  Voltage - Supply (Vcc/Vdd)  Data Converters  - Oscillator Type  Internal  Operating Temperature  Mounting Type  - Package / Case  40-DIP (0.620", 15.75mm)  Supplier Device Package	Speed	16MHz
Number of I/O Program Memory Size 32KB (32K x 8) Program Memory Type OTP  EEPROM Size - RAM Size 236 x 8  Voltage - Supply (Vcc/Vdd) At 5 V ~ 5.5 V  Data Converters - Oscillator Type Internal Operating Temperature 0°C ~ 70°C (TA)  Mounting Type - Package / Case 40-DIP (0.620", 15.75mm)  Supplier Device Package -	Connectivity	UART/USART
Program Memory Size Program Memory Type OTP  EEPROM Size - RAM Size 236 x 8  Voltage - Supply (Vcc/Vdd) At 5 V ~ 5.5 V  Data Converters - Oscillator Type Internal Operating Temperature Operating Type - Package / Case 40-DIP (0.620", 15.75mm) Supplier Device Package -	Peripherals	-
Program Memory Type  EEPROM Size - RAM Size 236 x 8  Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V  Data Converters - Oscillator Type Internal Operating Temperature 0°C ~ 70°C (TA)  Mounting Type - Package / Case 40-DIP (0.620", 15.75mm)  Supplier Device Package -	Number of I/O	32
EEPROM Size - 236 x 8  Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V  Data Converters - Coscillator Type Internal  Operating Temperature 0°C ~ 70°C (TA)  Mounting Type - Package / Case 40-DIP (0.620", 15.75mm)  Supplier Device Package - Case - C	Program Memory Size	32KB (32K x 8)
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Voltage - Supply (Vcc/Vdd)  Data Converters  - Oscillator Type  Internal  Operating Temperature  0°C ~ 70°C (TA)  Mounting Type  - Package / Case  40-DIP (0.620", 15.75mm)  Supplier Device Package  -	EEPROM Size	-
Data Converters-Oscillator TypeInternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case40-DIP (0.620", 15.75mm)Supplier Device Package-	RAM Size	236 x 8
Oscillator Type Internal Operating Temperature 0°C ~ 70°C (TA)  Mounting Type - Package / Case 40-DIP (0.620", 15.75mm)  Supplier Device Package -	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 5.5 V
Operating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case40-DIP (0.620", 15.75mm)Supplier Device Package-	Data Converters	-
Mounting Type - Package / Case 40-DIP (0.620", 15.75mm) Supplier Device Package -	Oscillator Type	Internal
Package / Case 40-DIP (0.620", 15.75mm) Supplier Device Package -	Operating Temperature	$0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$
Supplier Device Package -	Mounting Type	-
	Package / Case	40-DIP (0.620", 15.75mm)
Report errors?	Supplier Device Package	-
110p 011 011 011 011 011 011 011 011 011		Report errors?

#### **Z86E6316PSC Guarantees**



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

# **Z86E6316PSC Payment Methods**



















## **Z86E6316PSC Shipping Methods**













If you have any question about Z86E6316PSC, please do not hesitate to contact us!

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